<b>Work Order</b> ]  July-09-13 12:55:2		)4393		*104	1393*							Page 1
Item ID: D2	269			Accept	*N900	040	100	<b>)</b> * s	Setup S	tart	*N!	S1*
Revision ID:					• • • • • • • • • • • • • • • • • • • •			-	S	Stop		
Item Name: Pla	card								2	otop	*N:	S2*
Start Date: 7/0	9/13	Start Qty: 10.00	*10*		Cust Item I	D:						
Required Date: 7/0	9/13	Req'd Qty: 10.00	*10*		<b>Customer:</b>							
Reference:			11,					_		<b>.</b>		
Approvals: Pi	ocess P	lan: MLJ	Date: 13-07-10	Tooling:	Da	ate:		ŀ		Start	*NI	R1*
Q	C:		Date:	<b>SPC (Y/N):</b>	Da	ate:				Stop	*N	R2*
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Rejec Qty		eject umber	Insp. Stamp
Draw Nbr	Re	evision Nbr										
D2269	Re	ev B1										_
100				0.00					. 6			
*100*		PURCHASING	_	0.00		,			KC	3/07	760.	1 (10
Purchasing Purchasing		Memo Issue P/O: ぞ	~ 28	2269Manufacture from	23.4.7							

110 \*110\* Packaging

Receive & Inspect for Damage & Mat'l Certs

0.00

0.00 Memo

Ensure material release note is attached Packaging

120 \*120\* QC6- Inspect dimensions to drawing

Memo

Quality Control

10

DQA:			Date:											79	DART
						WORK ORDER NON-	-CC	ONFO	RMANCE / UI	PDATE					AEROSPACE
QA Closed:			Date:							,	Wor	rk Order up	date only		
Work Orde	er:					DISPOSITION				AGAINST I	DEP.	ARTMENT	PROCESS		
	_				<del></del>	Rework			Skid-tube	Crosstube			Water Jet		Engineering
Part N	lo.					Scrap		1	Machining	Small Fab	$\dashv$	Proc	d. Eng. Coor.		Quality
	-		<del>-</del>			Use-as-is			noforming	Finishing	ヿ		e/Packaging		Other
NCR N	۱o					Suspected Unapproved			Large Fab	Composite			Supplier		
Root					Desci	ription of work order update		nitial	Act	ion		Sign &			
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Descr	iption		Date	Verification	n	QC Inspector
Design															
Doc/Data	_														
Equip/Tooling	_	!		•											
Handling/Pre	$\Box$														
Material	_														
Operator															
Offset/Setup	_														
Process	$\blacksquare$													ļ	
Supplier	$\dashv$														
Training	$\dashv$														
Transport	$\blacksquare$		:												
Unapproved					L		<u> </u>								
							FA	ULT CAT	TEGORY			·	*10** )   1]		
Landi						General		]_ : <i>:</i>		ŗ	<b>—</b> 1.				
	_	Bending			<u> </u>	Bend	Ш	1	rogram	-	-	Dutside Dim	ŀ	-	Pressure/Forced
	_	Centre No	t Concer	ntric	-	BOM/Route	$\vdash$	Grain		}	_	Over/Under	ì	-	Set-up
	-	Cracks	l. /n:!	hai	-	Broken/Damage/Defect	$\vdash$	Hardwa				Part Incorrec	· · · · · · · · · · · · · · · · · · ·	_	Temperature/Cure
		Crimp/Kin	к/кірріе	/wave	_	Burrs	_	•	ion Incomplete/Un			Part Lost/Mis	ssing		Weld
	-	Cuffs				Countamination		- Gr	ions Incomplete/L	Inclear	_	Part Moved			Wrong Stock Pulled
	$\vdash$	Crushing Heat Trea	•		-	Countersink Cut Too Short	$\vdash$	1	ned/off center	}	-	Positioned W	Ŭ r		Oth
	-			Tubo	-			Mislabe		Į	'	Power Loss/S	surge		Other
	-	Inspectior Marks/Ch		rube	-	Drawing Drill Holes	$\vdash$	Misread			_	·			
	$\overline{}$				-		<u> </u>	Off-set			_				
	$\overline{}$	Turning Se	-		$\vdash$	Finish	$\vdash$	ł	Calibration		_				<del> </del>
	Щ	Wave/Tw	ist in Tur	)G	l	Fit/Function		Jout of S	Sequence						

Work Order ID 104393 \*104393\* Page 2 July-09-13 12:55:26 PM Item ID: D2269 Accept \*N900040100\* Setup Start **Revision ID:** Stop Item Name: Placard \*10\* **Start Qty: 10.00 Start Date:** 7/09/13 **Cust Item ID:** Required Date: 7/09/13 Req'd Qty: 10.00 \*10\* Customer: Reference: Start Run Process Plan: Date: Tooling: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ **Tool ID** Tool # Plan Reject Accept Reject Insp. Work Center ID Description Qty Qty **Run Hours** Code Number Stamp Identify as per dwg & Stock Location. 130 0.00 \*130\* Packaging 0.00 Memo Packaging

140

QC21- Finai Inspection - Work Order Release

0.00

\*1**4**N\*

QC Quality Control

Memo

0.00

MC= 13-07-22

A 13-07-19

DQA:			Date:										DART
QA Closed:			Date:			WORK ORDER NON	-CC	ONFO	RMANCE / UF		Nork Order เ	pdate only	AEROSPACE
Work Orde						DISPOSITION				AGAINST [	DEPARTMEN	T/PROCESS	1
WOIK OTUE						Rework	]		Skid-tube	Crosstube	7	Water Jet	Engineering
Part N	do.					Scrap			Machining Machining	Small Fab	Pr	od. Eng. Coor.	Quality
101(1)	•0. –					Use-as-is			noforming	Finishing	<del></del>	ore/Packaging	Other
NCR N	No					Suspected Unapproved		111011	Large Fab	Composite		Supplier	
Root	T				Desc	ription of work order update		nitial	Acti	ion	Sign &		
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Descri	iption	Date	Verification	QC Inspector
Design													
Doc/Data													
Equip/Tooling													
Handling/Pre	Ц						Ì						
Material	Ш												
Operator	Ц												
Offset/Setup	Ш			•					:				
Process	Ш						į						
Supplier													
Training	Ш		١.										
Transport	Ш												
Unapproved	Ш		<u> </u>	<u> </u>									
							FAI	ULT CA	TEGORY				
Landi					_	General				г	$\neg$	-	_
	$\vdash$	Bending			_	Bend	<u></u>	4	Program	ļ.	Outside Di	- t-	Pressure/Forced
	Н	Centre No	ot Concer	ntric	<u> </u>	BOM/Route	<u> </u>	Grain				r tolerance	Set-up
	$\vdash$	Cracks			$\vdash$	Broken/Damage/Defect	<u> </u>	Hardwa			Part Incorr	<b>⊢</b>	Temperature/Cure
	-	Crimp/Kir	nk/Ripple	/Wave	<u> </u>	Burrs	<u> </u>	1	ion Incomplete/Un	· -	Part Lost/N		Weld
	$\vdash$	Cuffs			<b> </b>	Contamination	<u> </u>	1	tions Incomplete/U	Inclear	Part Move		Wrong Stock Pulled
	$\vdash$	Crushing				Countersink	<u></u>	1 '	gned/off center		Positioned		<b>_</b>
	Н	Heat Trea			$\vdash$	Cut Too Short	_	Mislabe		L	Power Loss	S/Surge	Other
	-	Inspectio	· .	Tube	_	Drawing	<u></u>	Misrea					
	$\vdash$	Marks/Ch			<u> </u>	Drill Holes		Off-set					
	_	Turning S	-		<u> </u>	Finish		4	Calibration				
	ı i	Wave/Tw	ist in Tuk	ne .	- 1	Fit/Function	1	IOut of	Sanuence				

H:/FORMS/Quality Assurance\approved QA/NCRWO RevH

# **Picklist Print**

July-09-13 12:55:25 PM

104393

Work Order ID: Parent Item:

Comments:

Parent Item Name:

Placard

IPP:

В

D2269

01.04.09 Re-format

EC

**Start Date:** 7/09/13

Required Date: 7/09/13

Page 1

**Start Qty: 10.00** 

Required Qty: 10.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2269P		Purchased	No			100	Each	0.0000	1	10	_		
Placard									(				

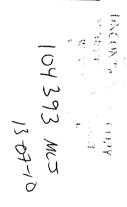
DQA:			Date:										<b>\$</b>	
						WORK ORDER NON-	-CC	ONFO	RMANCE / UP				<u>ں</u> _	AEROSPACE
QA Closed:			Date:							W	ork Order up	date only	<u> </u>	
Work Orde	er:					DISPOSITION				AGAINST DI	PARTMENT	PROCESS		
	•					Rework			Skid-tube	Crosstube	1	Water Jet	☐ Eng	ineering
Part N	lo.					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	7 ~ ~	Quality
					_	Use-as-is		Thern	noforming	Finishing	Rec/Stor	e/Packaging		Other
NCR 1	١o.					Suspected Unapproved			Large Fab	Composite	]	Supplier		
Root					Desci	ription of work order update	1	nitial	Actio	on .	Sign &		$\overline{}$	
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Descri	ption	Date	Verification	Q	C Inspector
Design														
Doc/Data													1	
Equip/Tooling														
Handling/Pre														
Material														
Operator														
Offset/Setup														
Process									•					
Supplier														
Training														
Transport														
Unapproved													<u>_L</u>	
		<u> </u>				· · · · · · · · · · · · · · · · · · ·	FAI	ULT CAT	TEGORY					
Landi	ng G				_	General	_	1			7	_	_	
		Bending			<u> </u>	Bend		1	Program		Outside Dim	<b>├</b>		re/Forced
		Centre No	ot Concer	ntric	-	BOM/Route		Grain		_	Over/Under	<b> -</b>	Set-u	
		Cracks			<u> </u>	Broken/Damage/Defect		Hardwa			Part Incorred	<u> </u>	_ `	erature/Cure
		Crimp/Kir	nk/Ripple	/Wave	-	Burrs	_	1	ion Incomplete/Und	· —	Part Lost/Mi	- F-	Weld	
		Cuffs			-	Contamination		1	tions Incomplete/U	nclear	Part Moved	L	Wrong	g Stock Pulled
		Crushing			-	Countersink	<u> </u>	1 -	gned/off center	<u> </u>	Positioned V	· · ·	¬	
	$\vdash$	Heat Trea		T la	-	Cut Too Short	-	Mislabe			Power Loss/	Surge	Other	
		Inspectio		eauı		Drawing Drill Holos		Misread						
	Н	Marks/Ch			$\vdash$	Drill Holes	_	Off-set						
	$\vdash$	Turning S			-	Finish  Fit / Function		1	Calibration					
		Wave/Tw	nst III TUB	)C		Fit/Function	Ι ΄	jout of S	Sequence					





	design B Williams	ORAWN BY	DART AEROSPACE LTD VICTORIA INTERNATIONAL AIRPORT, CANADA	
	CHECKED	APPROVED	DRAWING NO.	REV. B
	BW		D2269 SHEET	1 OF 1
ı	DATE	· · · · · · · · · · · · · · · · · · ·	ITTE	SCALE
	96:05:27		PLACARD	1:1
	8	96.05.29	UPDATED PLACARD	
	BI	01.04.10	ADD MATERIAL NOTE of UP	

WHEN COMPARTMENT EXTENSION IS USED MAXIMUM COMBINED LOADING OF EXISTING COMPARTMENT AND EXTENSION IS NOT TO EXCEED 72 Kg. (158lb.)





MATERIAL: BLACK LETTERS ON WHITE ADHESIVE BACK
MANUFACTURED FROM 3M 7 HIL MASKING FILM \$8522.CD



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

## **PURCHASE ORDER**

Purchase Order ID PO20522

Purchase Order Date 7/11/2013 PO Print Date 7/11/2013

Page Number 1 of 1

Order From:

STUDIO DE LETTRAGE 2001 210 MAIN WEST HAWKESBURY, ON K6A 2H6 VC-STU001

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

Contact Name

Vendor Phone

**Ship To Contact** 

Ship To Phone Ship Via:

Ship Acct:

613 632 5449

Yours ppd

Buyer

Chantal Lavoie

**Customer POID** 

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

**FOB** 

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	List Price	Disc %	Discounted Unit Price	Extended Price
1	D2269P	Placard	7/17/2013		10.00	The state of the s			\$75.00
(			Yes		Each				
	AS PER DWG D2269 REV. E	3 B104393	7/17/2013						
							Lin	e Total:	\$75.00
2	D4085-3P	Placard, Instructions	7/17/2013 Yes		10.00 Each				\$75.00
	AS PER DWG D4085 REV. O	C B104409	7/17/2013						

Line Total:

\$75.00

PO Total:

\$150.00



Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required - KES

Change Nbr:

Change Date:

7/11/2013

# Studio de Lettrage

210 Main Street W Hawkesbury, Ontario K6A 2H6

INVOICE

Invoice No.:

20521

Date:

07/17/2013

Ship Date:

Page:

Re: Order No.

WO10406

Sold to:

**Dart Aerospace Ltd** 

1270 Aberdeen Hawkesbury, Ontario K6A 1K7

Ship to:

Dart Aerospace Ltd

Hawkesbury, Ontario

**Business No.:** 

82500 7651 RT0001

Business No.:	82500 7651 RT	CONTROL CONTROL MANAGEMENT CONTROL CON		IC-CARTE	Esta <del>esta esta esta esta esta esta esta esta </del>	MORROW CLARACTOR OF
Item No.	Unit	Quantity	Description	Tax	Unit Price	Amount
		. 10	AVERY STICKERS D2269P SET UP	Н	2.50	25.00
		1 10	AVERY STICKERS D4085-3P	H	50.00 6.00	50.00 60.00
		1	SET UP PO#20522	H H	50.00	50.00
			H - HST 13% HST			24.05
			1101			24.03
					·	
:						
Studio de Lettrage l	HST: #825007651R	T0001				
Shipped By:	Tracking N			•		
Comment:					Total Amount	209.05
Sold By:					and the second second	
Cold by.						

	ा भ्रम् । प्राप्तकृतिभागा प्रकारिक स्थाप र । इ. इ. इ	-8"	
			- 4
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;			
y S			4
<b>3</b> ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・			
			1
<b>.</b> 2			
76 - 40			
<b>₹</b>			
*			1
# * *			
1			į .
an Sa Ri			1 20 3
F 2.			
\$** }			
on of Book			:
<u>.</u>			 !
3			
[ <b>4</b> -]			
			1
			A. Carrier
74			
•			
=			
		į	

****Certificate of Conformity****									
Customer:	Shotio	hettees	E						
Purchase Order #:	Packing Slip #:	Part #:	Serial #:						
Description:  D2269P)	e D4085-3P	Quantity: 10 Cach	ر						
Certification:									
We hereby certify that									
The above the listed items were manufactured, repaired and/or inspected in accordance with applicable drawings and/or specifications;									
All work was accomplished in accordance with the Dart Aerospace Purchase Order;									
which shows the ac	ctions, chemical or physiceptability of raw materifile and available for ins	als, parts and/or asser							
Authority:									
Avery									
APPROVAL: PRO)	eet coordinat	DATE:							
Signature: Orli	n St. Mei	1							
Title: LACEN	Ste. MARIE	July	7,2013.						

### **PRODUCT DATA SHEET**



# Avery® IPM™ 2031

issued: 01/04/2005

Introduction

Avery® IPM™ 2031 is a high quality pressure-sensitive vinyl film, designed for use on wide format inkjet printers. Avery® IPM™ 2031 has excellent printing properties, allowing crisp print quality with bright and vibrant colours. Avery® IPM™ 2031 offers rapid ink drying and a water-resistant material. It combines good adhesion during its life and easy removal afterwards.

Description

Facefilm:

80-micron premium white calendered, topcoated vinyl.

Adhesive:

removable, acrylic based

Backing paper: one side coated kraft paper, 140 g/m<sup>2</sup>

### **Features**

- Excellent printability
- Vibrant and bright colours
- Crisp print quality
- Spray water resistant wit specific pigmented inks
- Good adhesion, excellent removability
- Warranty on outdoor durability

### Recommendations for use

A wide variety of full-colour graphics for indoor - and **short/medium term outdoor** applications such as posters, murals, displays, exhibition stands, vehicle graphics etc. Avery<sup>®</sup> IPM<sup>™</sup> 2031 is suitable for application to a wide variety of substrates and will remove cleanly for up to 1 year after application.

IPM media should be handled with care as any surface contamination may affect the print quality. Media should be processed in an environment of 15-25°C and 30-70% relative humidity. After drying, the finished prints should be wrapped in polyethylene film and despatched flat or rolled with the printed side facing outwards. To protect prints against water, UV/light and abrasion, overlamination with a clear film is recommended. For specific details of Avery® DOL combinations, refer to "Technical Bulletin 5.3. Recommended combinations of Avery® Overlaminates and Avery® Digital Print Media"

Always test your combination of Avery<sup>®</sup> IPM™ medium, inkjet printer and inks prior to commercial use.

Compatibility

Avery<sup>®</sup> IPM™ 2031 is compatible with a broad selection of inkjet printers, when printing with pigmented, water based inks. For specific details refer to "<u>Technical Bulletin 5.6 Avery Dennison Inkjet Print Media - Printer compatibility</u>".

**Durability:** 

Avery<sup>®</sup> IPM™ 2031 is warranted for outdoor use in conjunction with pigmented outdoor inks from HP, Encad and Colorspan. The warranted period varies from type of application and type of overlaminate from 18 months up to 5 years. For full details, see our Avery<sup>®</sup> IPM™ Outdoor warranty.





www.averygraphics.com

#### Physical properties

**Features** Test method<sup>1</sup> Results Caliper, facefilm ISO 534 80 µm Gloss ISO 2813, 20° 1%

Dimensional stability **DIN 30646** 0.3 mm. max Adhesion, initial FINAT FTM-1, stainless steel 180 N/m Adhesion, ultimate FINAT FTM-1, stainless steel 260 N/m

Flammability Self extinguishing

Accelerating ageing DIN 53587, 500h exposure No negative impact on film Performance

Shelf life Stored at 22° C/50-55 % RH 2 vears Removability up to 1 year

Not when applied to: Nitro-cellulose paints, ABS, Polystyrene, certain types of PVC

Durability<sup>2</sup> Overlaminated with DOL 4300 5 years

Overlaminated with DOL 1000, DOL 1100

with overlaps 3 years

Overlaminated without overlaps

for static applications only 2 years Without overlaminate and used for static.

Non-abrasive application ONLY 18 months

Only when printed with ENCAD GO, HP and Colorspan pigmented inks and when properly applied in accordance with our application instructions. Only applicable for vertical exposure.

### Temperature range

**Features** 

Application temperature Minimum: +10°C Service temperature -20°C to +80°C

Important

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers

should independently determine, prior to use, the suitability of this material to their specific use.

All technical data are subject to change. In case of any ambiguities or differences between the English and foreign versions of these Conditions, the English version shall be controlling.

Avery branded materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorised to give any quarantee, warranty, or make any representation contrary to the foregoing.

All Avery branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

1) Test methods

More information about our test methods can be found on our website.

The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south, in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased.





Results